



AS 310.R2 PLUS Analytical Balance

WL-104-0178

More information on the website
mirror.radwag.com/en/info,w1,APQ



The drawings, photos and graphics used are for illustrative purposes only.

Functions

 Autotest	 Dosing	 % Percent Weighing	 Σ Totalizing
 Parts counting	 Peak hold	 N Newton unit measurement	 Statistics
 Checkweighing	 Under-pan weighing	 GLP Procedures	 Animal weighing
 Density determination			

Datasheet

Metrological parameters	
Maximum capacity [Max]	310 g
Minimum load	10 mg
Readability [d]	0.1 mg
Verification unit [e]	1 mg
Tare range	-310 g
Standard repeatability [5% Max]	0.08 mg

Metrological parameters	
Standard repeatability [Max]	0.12 mg
Standard minimum weight (USP)	160 mg
Standard minimum weight (U=1%, k=2)	16 mg
Permissible repeatability [5% Max]	0.12 mg
Permissible repeatability [Max]	0.15 mg
Linearity	±0.3 mg
Stabilization time	2.5 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Leveling system	manual
Display	5.3" LCD (backlit)
Weighing chamber doors	manual
Delivery components	Balance, weighing pan, weighing pan shield, bottom cover, power supply.
Weighing pan dimensions	ø100 mm
Packaging dimensions W x D x H	490×400×520 mm
Net weight	7 kg
Gross weight	9 kg
Construction	
Protection class	IP 43
Communication interface	
Communication interface	2×RS232 ¹ , 2×USB-A (interchangeable), USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 0.6A; 12V DC 1.2A Balance: 12 – 15V DC 0.4A max
Power consumption max.	3 W
Environmental conditions	
Operating temperature	+10 – +40 °C
Relative humidity	40% – 80%

Repeatability is expressed as a standard deviation from 10 weighing cycles.

Stabilization time depends on the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile.

¹ Barcode scanners, available as weighing instrument accessory, communicate with the instrument via RS232 interface exclusively.

* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



Additional fee for verification



Accessories (Additional Fee)

Antivibration Tables

Holders for laboratory flasks

Power Adapters

Workstation for Pipettes Calibration

RS 232, RS 485 cables

Displays

Cigarette lighter receptacle power supply cables
Density determination KIT
USB cable (scale - printer)
Professional Weighing Tables
Barcode scanners
Holders for test tubes and filters

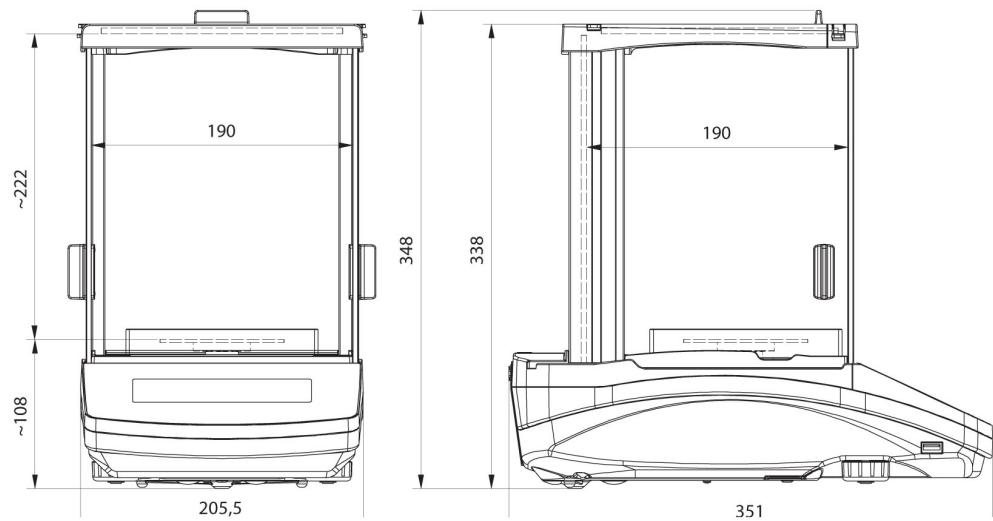
Protective cover for balances
Weighing dishes
Antistatic ionizer
Receipt Printer
Under-pan weighing
RS 232 cables (scale - printer)

Software (Additional Fee)

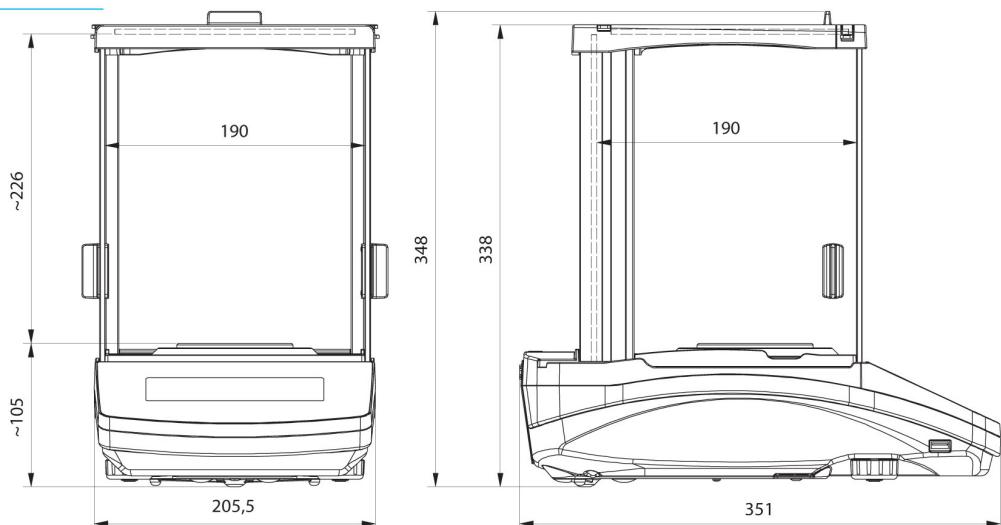
- RAD Key [WX-010-0005]
- Alibi Reader [WX-010-0114]
- RADWAG Development Studio [WX-010-0104]

- R-Panel [WX-010-0187]
- R-Lab [WX-010-0080]

Device dimensions W x D x H



AS R2, d = 0.01 mg



AS R2, AS R1 d = 0.1 mg